

Claims

1. A process for producing  
dihydroxydiphenylsulfone comprising the steps of:  
dissolving or suspending crude  
5 dihydroxydiphenylsulfone containing  
trihydroxytriphenylsulfone in an aqueous solvent;  
adjusting the pH of the aqueous solvent to 5-7;  
optionally cooling the aqueous solvent; and  
separating the precipitated crystalline  
10 dihydroxydiphenylsulfone.
2. A process for producing  
dihydroxydiphenylsulfone comprising the steps of:  
dissolving or suspending crude  
dihydroxydiphenylsulfone containing  
15 trihydroxytriphenylsulfone in an aqueous solvent by adding  
alkali;  
adjusting the pH of the aqueous solvent to 5-7  
by adding an acidic substance;  
optionally cooling the aqueous solvent; and  
20 separating the precipitated crystalline  
dihydroxydiphenylsulfone.
3. The process for producing  
dihydroxydiphenylsulfone according to Claim 1 or 2,  
wherein the pH is adjusted to 6 or greater and less than 7.
- 25 4. The process for producing

dihydroxydiphenylsulfone according to any one of Claims 1-3, wherein the crude dihydroxydiphenylsulfone contains trihydroxytriphenylsulfone in a proportion of 30 wt.% or less.

- 5                    5. The process for producing dihydroxydiphenylsulfone according to any one of Claims 1-4, wherein the crystalline dihydroxydiphenylsulfone is separated at 60°C or lower.